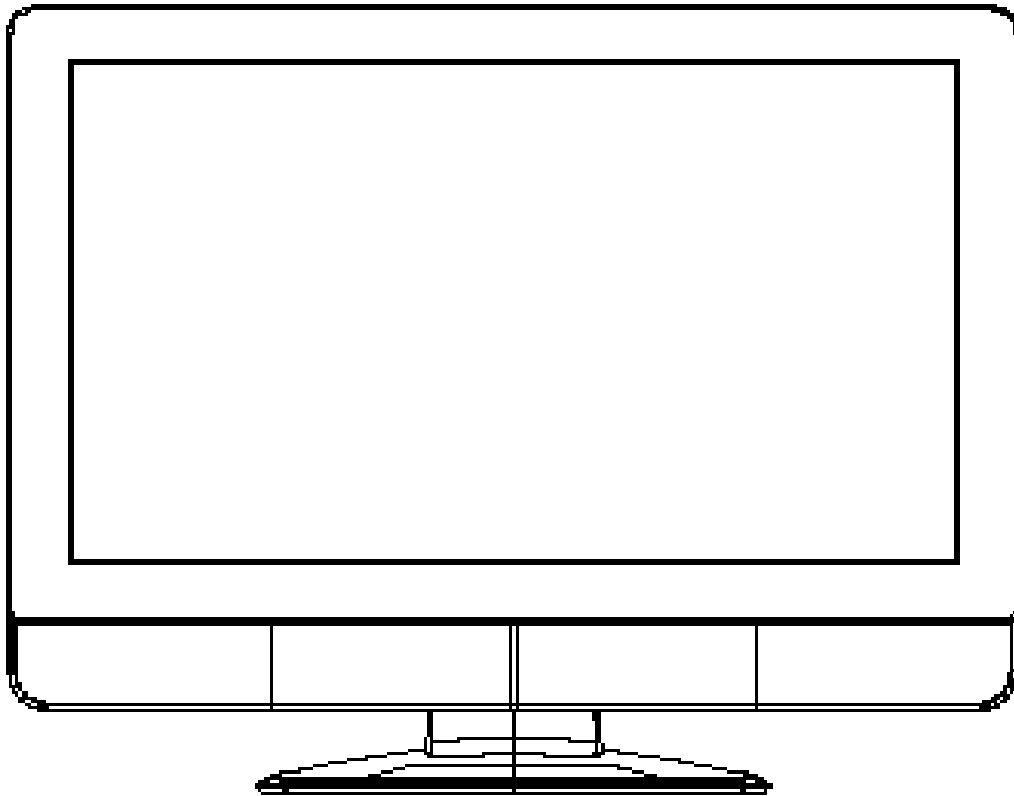


# Service Manual



**Model : VIZIO  
VF552XVT\_LC550WUL-SBM2**

V, Inc

320A Kalmus Drive Costa Mesa, CA 92626

TEL : +714-668-0588 FAX :+714-668-9099

*Top Confidential*

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### *Appendix*

1. Main Board Circuit Diagram
  2. Main Board PCB Layout
  3. Assembly Explosion Drawing
- Block Diagram

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#### FCC INFORMATION

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that the interference will not occur in a particular installation. If this equipment does cause unacceptable interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures -- reorient or relocate the receiving antenna; increase the separation between equipment and receiver; or connect the into an outlet on a circuit different from that to which the receiver is connected.

#### FCC WARNING

To assure continued FCC compliance, the user must use a grounded power supply cord and the provided shielded video interface cable with bonded ferrite cores. Also, any unauthorized changes or modifications to Amtrak products will void the user's authority to operate this device. Thus VINC Will not be held responsible for the product and its safety.

#### CE CERTIFICATION

This device complies with the requirements of the EEC directive 89/336/EEC with regard to "Electromagnetic compatibility."

#### SAFETY CAUTION

Use a power cable that is properly grounded. Always use the AC cords as follows – USA (UL); Canada (CSA); Germany (VDE); Switzerland (SEV); Britain (BASEC/BS); Japan (Electric Appliance Control Act); or an AC cord that meets the local safety standards.

# Chapter 1      Features

---

1. Built in TV channel selector for TV viewing
2. Simultaneous display of PC and TV images
3. Connectable to PC's analog RGB port
4. Built in S-video, HDTV, composite video, HDMI and TV out
5. Built in auto adjust function for automatic adjustment of screen display
6. High quality 1920X1080 pixel by pixel display
7. Smoothing function enables display of smooth texts and graphics even if image with resolution lower than 1920X1080 is magnified
8. Advanced video functions for personal favor
9. Picture In Picture (PIP) function to show TV or VCR images
10. Power saving to reduce power consumption less than 1W
11. On Screen Display user can define display mode  
(i.e. color, brightness, contrast, sharpness, backlight), sound setting, PIP, TV channel program, aspect and gamma or reset all setting.

# Chapter 2 Specification

---

## 1. TFT-LCD CHARACTERISTICS

Model Name: LC550WUL-SBM2

Display Size: 54.64 inches (1387.80mm) diagonal

Outline Dimension: 1286.0mm (H) x 745.0mm (V) x 65.0mm (D)

Pixel Pitch: 0.630mm x 0.630mm x RGB

Pixel Format: 1920 horiz. By 1080 vert. Pixels RGB strip arrangement

Display Mode : Transmissive mode, Normally black

Surface Treatment: Hard Coating (3H), Anti-glare treatment of the front polarizer (Haze 10%)

## 2. TFT-LCD OPTICAL CHARACTERISTICS

Contrast ratio: 1400(Typ) \_ LC550WUL-SBM2

Surface Luminance, White: 500 cd/m<sup>2</sup> (Typ)

Luminance Variation,  $\delta=1.3$  (Max)

Response Time =8ms (Max=12ms)

Viewing Angle (CR>10)

Left: 89° (min).

Right: 89° (min).

Top: 89° (min).

Bottom: 89° (min).

## 3. Input Connectors

1x Co-axial RF (ATSC/QAM/NTSC)

5x HDMI<sup>TM\*\*</sup> with HDCP (1 with Stereo Audio RCA)

1x Component YPbPr plus Stereo Audio

1x RGB PC plus Stereo Audio

1x S-Video plus Stereo Audio (shared with AV1)

1x Composite Video plus Stereo Audio (AV1 & AV2)

USB X3 FW Update

Ethernet

## 4. POWER SUPPLY

Input Voltage Level: 100~240Vac, 50/ 60 Hz

Power Consumption: 316W MAX Power OFF: to less than 1W MAX

---

## 5. SPEAKER

Built in Speakers: 2 x 15 W

## 6. ENVIRONMENT

Operating Temperature: 5c~35c (Ambient)

Operating Humidity: 10%~70%RH(Non-condensing)

Operating Altitude: 0 -14,000 ft

Non-Operating : 0-40,000ft

## 7. DIMENSIONS (Physical dimension)

Dimensions with stand : 1307.49mm(W) x 860.79mm(H) x 125.75mm(D)

Dimension without stand : 1307.49mm(W) x 912.14mm(H) x 342.42mm(D)

## 8. WEIGHT (Physical weight)

- a. Net     TBD +/- 1.0 kg (with base)  
              TBD +/- 1.0kg (without base)
- b. Gross   TBD +/- 1.0 kg

## Precaution

Please pay attention to the followings when you use this TFT LCD module

### 1. OPERATING PRECAUTIONS

- (1) The spike noise causes the mis-operation of circuits. It should be lower than following voltage :  
       $V=\pm 200\text{mV}$  (Over and under shoot voltage)
- (2) Response time depends on the temperature.  
      (In lower temperature, it becomes longer)
- (3) Brightness depends on the temperature.  
      (In lower temperature, it becomes lower)  
      And in lower temperature, response time  
      (Required time that brightness is stable after turned on becomes longer)
- (4) Be careful for condensation at sudden temperature change.  
      Condensation makes damage to polarizer or electrical contacted parts.  
      And after fading condensation, smear or spot will occur.


- 
- (5) When fixed patterns are displayed for a long time, remnant image is likely to occur.
  - (6) Module has high frequency circuits. System manufacturers shall do sufficient suppression to the electromagnetic interference. Grounding and shielding methods may be important to minimize the interference.
  - (7) Please do not give any mechanical and/or acoustical impact to LCM. Otherwise, LCM can't be operated its full characteristics perfectly.
  - (8) A screw which is fastened up the steels should be a machine screw.
  - (9) Please do not set LCD on its edge
  - (10) Partial darkness may happen during 3~5minutes when LCM is operated initially in condition that luminance is under 40% at low temperature (under 5°C). This phenomenon which disappears naturally after 3~5 minutes is not a problem about reliability but LCD characteristic.

## **2. Handling Precaution For Protection**

- (1) The protection film is attached to the bezel with a small masking tape. When the protection film is peeled off, static electricity is generated between the film and polarizer. This should be peeled off slowly and carefully by people who are electrically grounded and with well ion-blown equipment or in such a condition, etc.
- (2) When the module with protection film attached is stored for a long time, sometimes there remains a very small amount of glue still on the bezel after the protection film is peeled off.
- (3) You can remove the glue easily. When the glue remains on the bezel surface or its vestige is recognized, please wipe them off with absorbent cotton waste or other soft material like chamois soaked with normal-hexane.

# Chapter 3     On Screen Display

Operation:


- Main unit button
- (1) POWER 
- (2) MENU
- (3) CH +
- (4) CH -
- (5) VOL +
- (6) VOL -
- (7) INPUT

OSD Adjustment

Input Source Selection

TV     AV     Comp     HDMI [1 -3]     HDMI-Side     RGB

Operator menu

Main Menu	
	Input Wide CC Sleep Timer TV Settings PIP Network Bluetooth Help

Input Source Selection

VIZIO

Input Source Selection

TV

AV

Comp

HDMI-1

HDMI-2

HDMI-3 / DVI

HDMI Side

RGB

Watch TV from your Antenna or Cable out-of-the-wall.

TV

AV

Comp

HDMI-1

HDMI-2

HDMI-3 / DVI

HDMI Side

RGB

Screen Mode

Screen Mode

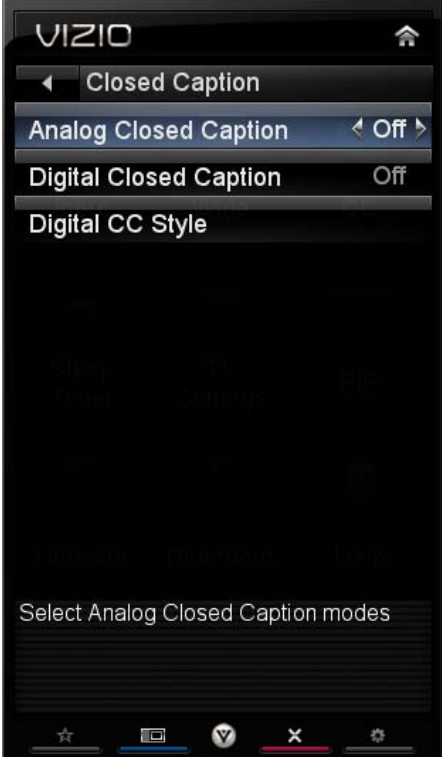
Zoom1


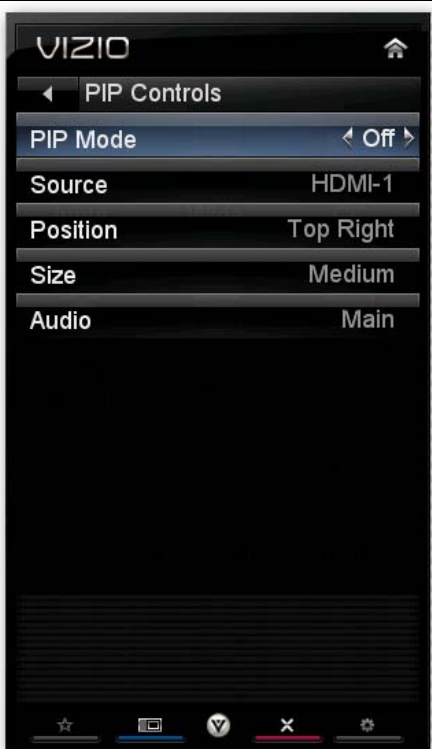
Zoom2

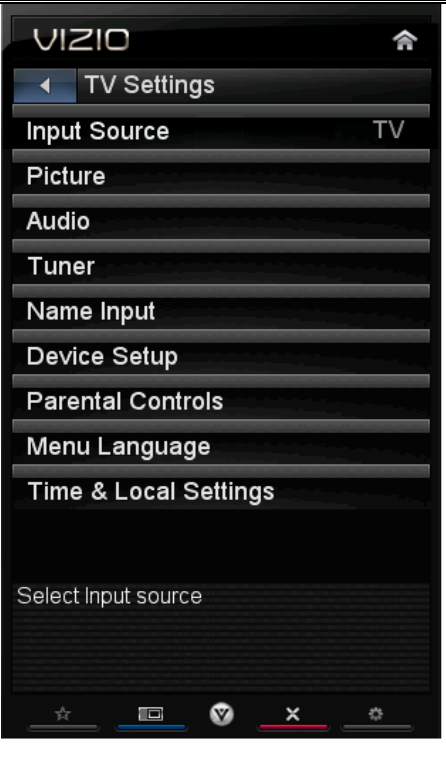
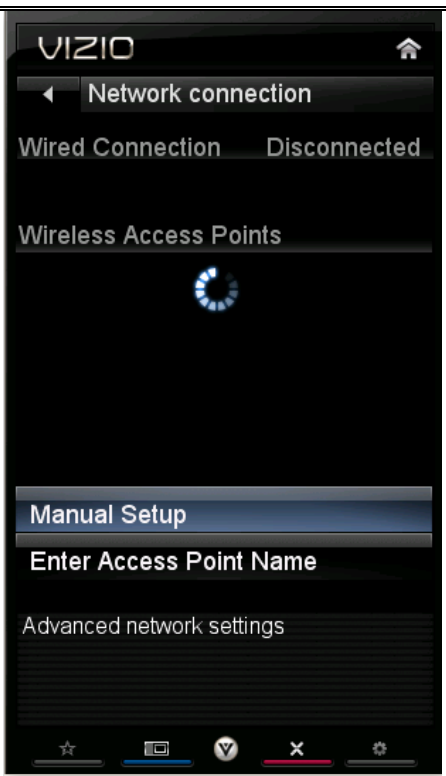
Full

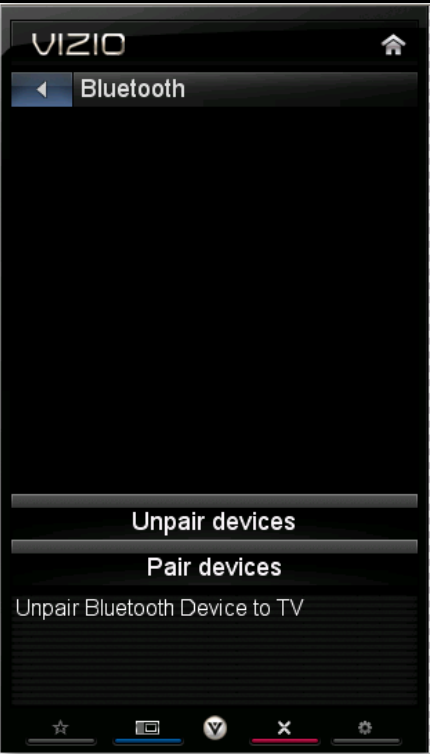
Stretch


Source	AV/COMP/HDMI/ATV		DTV		RGB	
Resolution	480i/p	720p,1080i/p	480i/p	720p,1080i/p	4:3	16:9
Zoom1	Yes	Yes	Yes	Yes	N/A	N/A
Zoom2	Yes	Yes	Yes	Yes	N/A	N/A
Full	N/A	Yes	N/A	N/A	Yes	Yes
Stretch	N/A	Yes	N/A	Yes	N/A	Yes
Normal	Yes	N/A	Yes	N/A	Yes	N/A

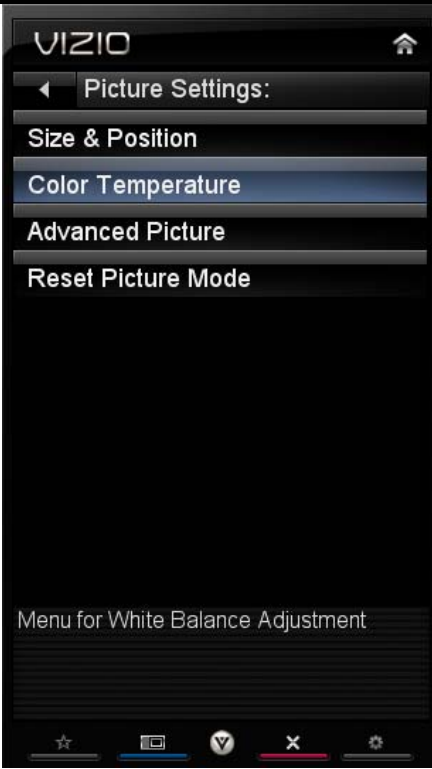
Closed Caption	
 <p>The screenshot shows the Vizio TV's Closed Caption menu. At the top, the 'VIZIO' logo is visible. Below it, the 'Closed Caption' menu is open, showing options for 'Analog Closed Caption' (set to 'Off'), 'Digital Closed Caption' (set to 'Off'), and 'Digital CC Style'. The 'Digital CC Style' option is currently selected. Below this, there is a list of options for 'Select Analog Closed Caption modes'. At the bottom of the screen, there is a navigation bar with icons for 'Home', 'Input', 'Vizio', 'Exit', and 'Settings'.</p>	<p>Analog Closed Caption     <b>&lt;OFF&gt;</b> (Off, CC1, CC2, CC3, CC4)</p> <p>Digital Closed Caption     <b>&lt;OFF&gt;</b> (Off, CC1, CC2, CC3, CC4, CS1, CS2, CS3, CS4, CS5 CS6)</p> <p>Digital CC Style:  1 Caption Style As Broadcast  2 Caption Style Custom  2.1 Text Size (As Broadcast, Small, Standard, Large)  2.2 Color  (As Broadcast, Black, White, Green, Blue, Red, Cyan, Yellow, Magenta)  2.3 Opacity  (As Broadcast, Solid, Translucent, Transparent, Flashing)  2.4 BG Color  (As Broadcast, Black, White, Green, Blue, Red, Cyan, Yellow, Magenta)  2.5 BG Opacity  (As Broadcast, Solid, Translucent, Transparent, Flashing)  2.6 Window Color  (As Broadcast, Black, White, Green, Blue, Red, Cyan, Yellow, Magenta)  2.7 Window Opacity  (As Broadcast, Solid, Translucent, Transparent, Flashing)</p>


Sleep Timer	
	<p>Timer     <b>&lt;Off&gt;</b>  (Off, 30 minutes, 60 minutes, 90 minutes, 120 minutes, 180 minutes)</p>
PIP Controls	
	<p>PIP Mode     <b>&lt;Off&gt;</b>  (Off, PIP POP)</p> <p>Source         <b>&lt;HDMI1-3&gt;</b> or <b>&lt;TV, AV, Comp ,VGA&gt;</b></p> <p>Input Source Selection</p> <p>1    (HDMI-1, HDMI-2, HDMI-3/DVI, HDMI-Side)</p> <p>2    (TV, AV, Comp, RGB)</p> <p>Position       <b>&lt;Top Right&gt;</b></p> <p>PIP Position</p> <p>(Top Left, Top Right, Bottom Left, Bottom Right)</p> <p>Size             <b>&lt;Medium&gt;</b>  (Small, Medium, Large)</p> <p>Audio           <b>&lt;Main&gt;</b>  (Main, PIP)</p>

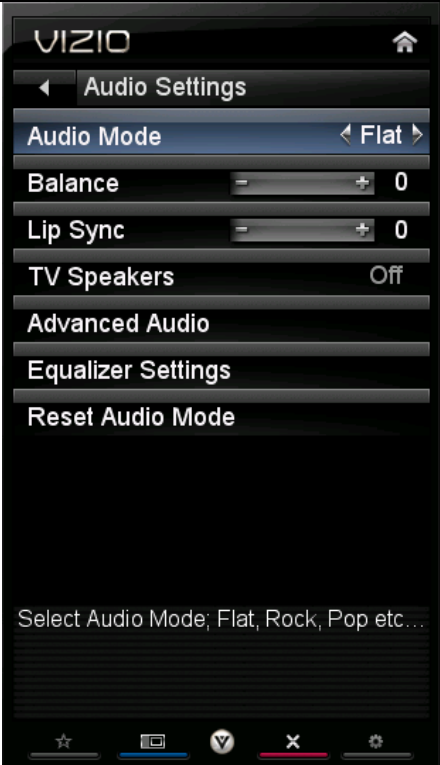
	<p>Input Source: (TV, AV, Comp, HDMI1-3, HDMI Side, RGB)</p> <p>Picture</p> <p>Audio</p> <p>Tuner</p> <p>Name Input</p> <p>Device Setup</p> <p>Parental Controls</p> <p>Menu Language</p> <p>Time &amp; Local Settings</p>
	<p>Network connection</p> <p>Wired Connection <b>Connected</b></p> <p>Manual Setup</p> <p>DHCP ON OFF</p> <p>IP address: 192.168.X.X</p> <p>Subnet Mask: 255.255.255.0</p> <p>Default Gateway:192.168.X.X</p> <p>Pref. DNS server:192.168.X.X</p> <p>Alt. DNS server: X.X.X.X</p> <p>RJ45 MAC add. XX:XX:XX:XX:XX:XX</p> <p>Wireless MAC Add: XX:XX:XX:XX:XX:XX</p> <p>Test Connection</p> <p>Wired Connection <b>Disconnected</b></p> <p>Wireless Access Points</p> <p>More Access Points</p> <p>Manual Setup</p> <p>DHCP ON OFF</p> <p>IP address: 192.168.X.X</p> <p>Subnet Mask: 255.255.255.0</p> <p>Default Gateway:192.168.X.X</p> <p>Pref. DNS server:192.168.X.X</p> <p>Alt. DNS server: X.X.X.X</p> <p>RJ45 MAC add. XX:XX:XX:XX:XX:XX</p> <p>Wireless MAC Add: XX:XX:XX:XX:XX:XX</p> <p>Test Connection</p> <p>Enter Access Point Name</p>


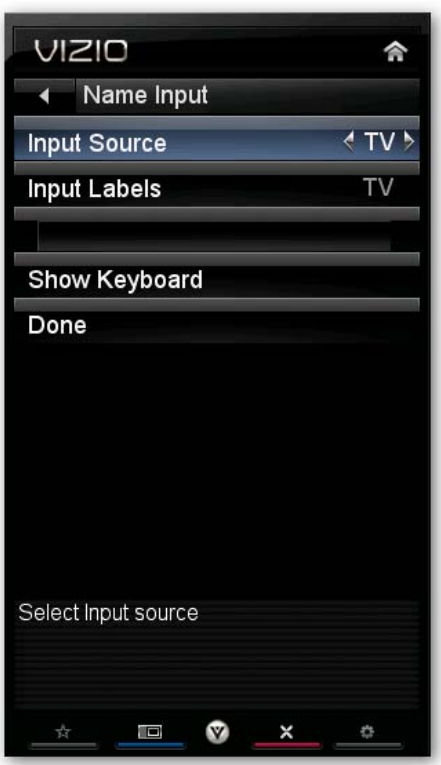
BlueTooth	
	<p>UnPair devices</p> <p>Pair devices</p> <p>Start Searching for devices</p> <p>Stop searching</p>

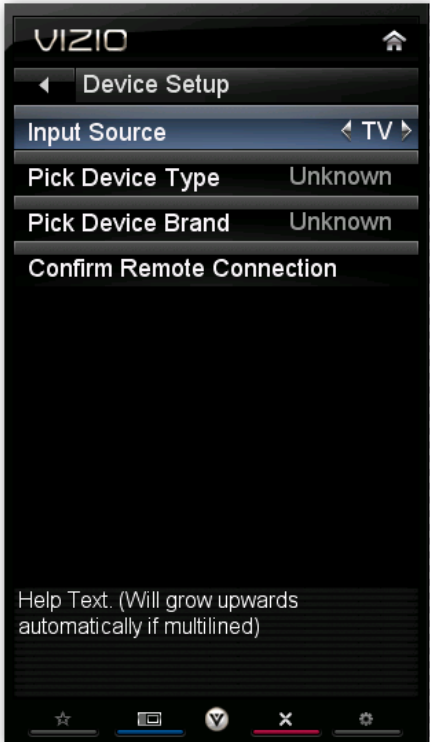
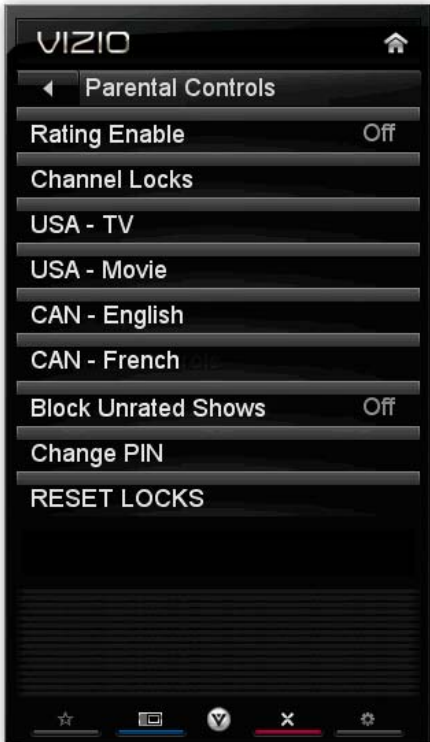
TV AV Comp HDMI mode	Picture mode
	<p>1 Picture mode</p> <p>(Standard Movie Game Vivid Football Golf Basketball Baseball Custom)</p> <p>Backlight 0-100</p> <p>Brightness 0-100</p> <p>Contrast 0-100</p> <p>Color 0-100</p> <p>Tint -32+32</p> <p>Sharpness 0-16</p> <p>2 More</p> <p>2.1 Size &amp; Position</p> <p>Horiz.Position: 0-64</p> <p>Vertical.Position: 0-32</p> <p>Horizontal Size: 0-100</p> <p>Vertical.Size:0-100</p>

	<p>2.2 Color Temperature</p> <p>Custom, Cool, Computer, Normal</p> <p>Red Gain 0-255</p> <p>Green Gain 0-255</p> <p>Blue Gain 0-255</p> <p>Red offset 0-255</p> <p>Green offset 0-255</p> <p>Blue offset 0-255</p> <p>Reset Color Temperature</p> <p>2.3 Advanced Picture Settings</p> <p>Smooth Motion Effect (off, Low, <b>Middle</b>, High)</p> <p>Real Cinema Mode (off, <b>Smooth</b>, Precision)</p> <p>Noise Reduction (off, <b>Low</b>, Medium, High)</p> <p>Color Enhancement (Off, <b>Normal</b>, Rich Color, Green/Flesh, Green/Blue)</p> <p>Advanced Adaptive Luma (Off, Low, <b>Medium</b>, Strong, Extend)</p> <p>Film Mode (<b>off</b>, Auto)</p> <p>Smart Dimming(<b>On</b>, Off)</p> <p>2.4 Reset Picture mode</p>
---	---


RGB Mode	Picture Settings
	<ol style="list-style-type: none"> <li>1 Brightness 0-100</li> <li>2 Contrast 0-100</li> <li>3 Size &amp; Position <ul style="list-style-type: none"> <li>Auto Adjust</li> <li>Horiz. Position: 0-100</li> <li>Vertical. Position: 0-100</li> <li>Horizontal Size: 0-100</li> <li>Fine Tune</li> </ul> </li> <li>4 Color Temperature <ul style="list-style-type: none"> <li>Custom 9300k 6500k</li> <li>Red Gain: 0-255</li> <li>Green Gain: 0-255</li> <li>Blue Gain: 0-255</li> <li>Red offset: 0-255</li> <li>Green offset: 0-255</li> <li>Blue offset: 0-255</li> <li>Reset Color Temperature</li> </ul> </li> <li>5 Reset Picture mode</li> </ol>



Audio	Audio Setting
	<ol style="list-style-type: none"> <li>1 Audio Mode (Jazz, Classic, Pop, Rock, <b>Flat</b>)</li> <li>2 Balance (-50 ~ +50)</li> <li>3 Lip Sync (0 ~ 3)</li> <li>4 TV Speakers (<b>On</b>, Off)</li> <li>5 Advanced Audio <ul style="list-style-type: none"> <li>SRS TruSurround HD (<b>Off</b>, On)</li> <li>SRS TruVolume (<b>Off</b>, On)</li> <li>Digital Audio Out(Dolby Digital, <b>PCM</b>, Off)</li> <li>Analog Audio Out(Fixed, <b>Variable</b>)</li> <li>Audio Control (<b>TV</b> External)</li> </ul> </li> <li>6 Equalizer <ul style="list-style-type: none"> <li>EQ Mode Basic <ul style="list-style-type: none"> <li>Bass 0 ~ 24</li> <li>Treble 0 ~ 24</li> </ul> </li> <li>EQ Mode Advanced <ul style="list-style-type: none"> <li>100Hz -12 ~ +12</li> <li>300Hz -12 ~ +12</li> <li>1kHz -12 ~ +12</li> <li>3kHz -12 ~ +12</li> <li>10KHz -12 ~ +12</li> </ul> </li> </ul> </li> <li>7 Reset Audio mode</li> </ol>

<b>Tuner</b>	<b>Tuner Settings</b>
	<ol style="list-style-type: none"> <li>1 Tuner Mode (Antenna, Cable)</li> <li>2 Auto Channel Scan</li> <li>3 Partial Channel Search <ol style="list-style-type: none"> <li>3.1 Scan mode (Analog, Digital)</li> <li>3.2 From Channel</li> <li>3.3 To Channel</li> <li>3.4 Start</li> </ol> </li> <li>4 Add Analog Channel ( Parental Controls ) <ol style="list-style-type: none"> <li>4.1 Enter Channel</li> <li>4.2 Add Channel</li> </ol> </li> <li>5 Skip Channel</li> <li>6 Analog MTS (Mono, Stereo, SAP)</li> <li>7 Digital MTS (English, French, Spanish)</li> </ol>
<b>Name Input</b>	
	<p>Inout Source</p> <p>TV, AV, Comp, HDMI1-3 HDMI-Side RGB</p> <p>Input Labels</p> <p>Antenna, BluRay, Cable, DTV, DVD, Game, Hi Def, PC, Sat, STB</p> <p>Show Keyboard</p> <p>Done</p>

<b>Device Setup</b>	
	<ol style="list-style-type: none"> <li>1 Pick Device Type (VCR,DVD,Sat, PVR,PCVR,HID Devices)</li> <li>2 Pick Device Brand</li> <li>3 Confirm Remote Connection</li> </ol> <p>It Worked</p> <p>Try the Next Code</p>
<b>Parental controls</b>	
	<p>Enables Rating (Off, On)</p> <p>Channel lock</p> <p>US TV Ratings</p> <ul style="list-style-type: none"> <li>TV-Y (All)</li> <li>TV-Y7 (All, FV)</li> <li>TV-G (All)</li> <li>TV-PG (All, D, L, S, V)</li> <li>TV-14 (All, D, L, S, V)</li> <li>TV-MA (All, L, S, V)</li> </ul> <p>US Movie Ratings</p> <ul style="list-style-type: none"> <li>G</li> <li>PG</li> <li>PG-13</li> <li>R</li> <li>NC-17</li> <li>X</li> </ul>

	DTV Ratings	
	U.S. (50 States + Possessions)	
	Entire Audience	None
		TV-G
		TV-PG
		TV-14
		TV-MA
	Dialogue	D
	Language	L
	Sex	S
	Violence	V
	Children	TV
	Children	Y
		TV
		Y7
	Fantasy	
	Violence	FV
	MPAA	N/A
		G
		PG
		PG
		13
		R
		NC
		17
		X
		NR
	Canadian English Ratings	
		C
		C8+
		G
		PG
		14+
		18+
	Canadian French Ratings	
		G
		8 ans+

	<p>13 ans+</p> <p>16 ans+</p> <p>18 ans+</p> <p>Block Unrated Shows (off, on)</p> <p>Change PIN</p> <p>New PIN</p> <p>Confirm PIN</p> <p>RESET LOCKS</p>
<b>Menu language</b>	
	<p>English</p> <p>French</p> <p>Spanish</p>

<b>Time &amp; Local Settings</b>	
 <p>The screenshot shows the VIZIO Time &amp; Local Settings menu. At the top is the VIZIO logo and a home icon. Below is a back arrow and 'Time Not Available'. The 'Time Zone' option is selected, showing 'Alaska (US)' with left and right arrows. Below it is 'Daylight Savings' set to 'On', and 'Postal Code' with an input field. At the bottom, it says 'Set your time zone' with a list of time zones. The bottom navigation bar has icons for Home, Back, VIZIO, Forward, and Settings.</p>	<p>1 Time Zone</p> <ul style="list-style-type: none"> <li>Alaska(US)</li> <li>Hawaii(US)</li> <li>Pacific(US,CAN)</li> <li>Mountain(US,CAN)</li> <li>Central(US,CAN)</li> <li>Eastern(US,CAN)</li> <li>Atlantic(CAN)</li> <li>Newfoundland(CAN)</li> <li>Indiana(US)</li> <li>Arizona (US)</li> </ul> <p>2 Daylight Saving (On, Off)</p> <p>3 Postal Code</p>
<b>Help</b>	
 <p>The screenshot shows the VIZIO Help menu. At the top is the VIZIO logo and a home icon. Below is a back arrow and 'Help'. The 'System Info' option is selected. Below it are 'Reset TV Settings' and 'Clear Memory(Factory Default)'. At the bottom, it says 'Display System information' with a list of system information. The bottom navigation bar has icons for Home, Back, VIZIO, Forward, and Settings.</p>	<p>System info</p> <p>Reset TV Settings</p> <p>Clear Memory(Factory Default)</p>

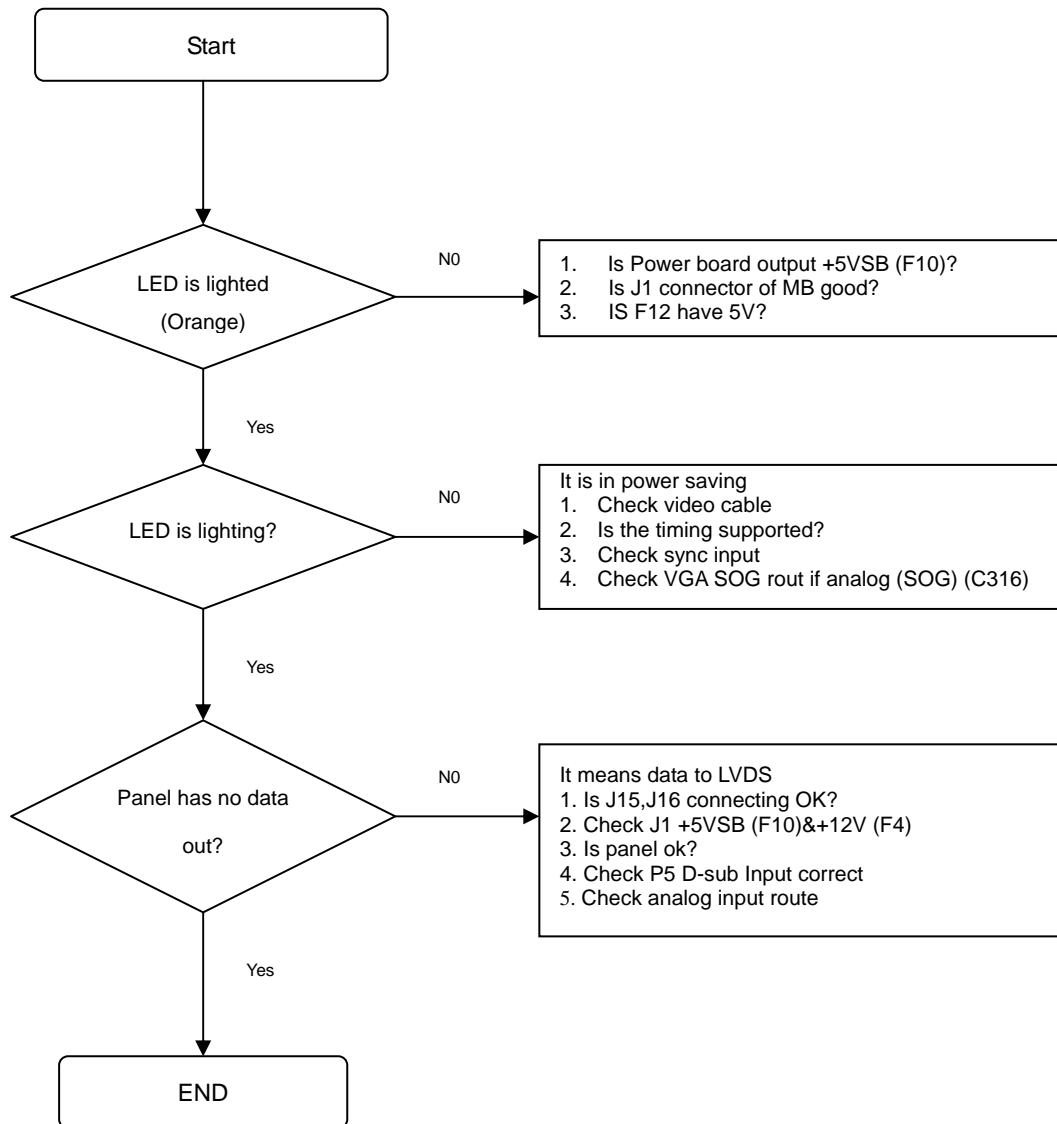
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**Widget Dock (TBD)**

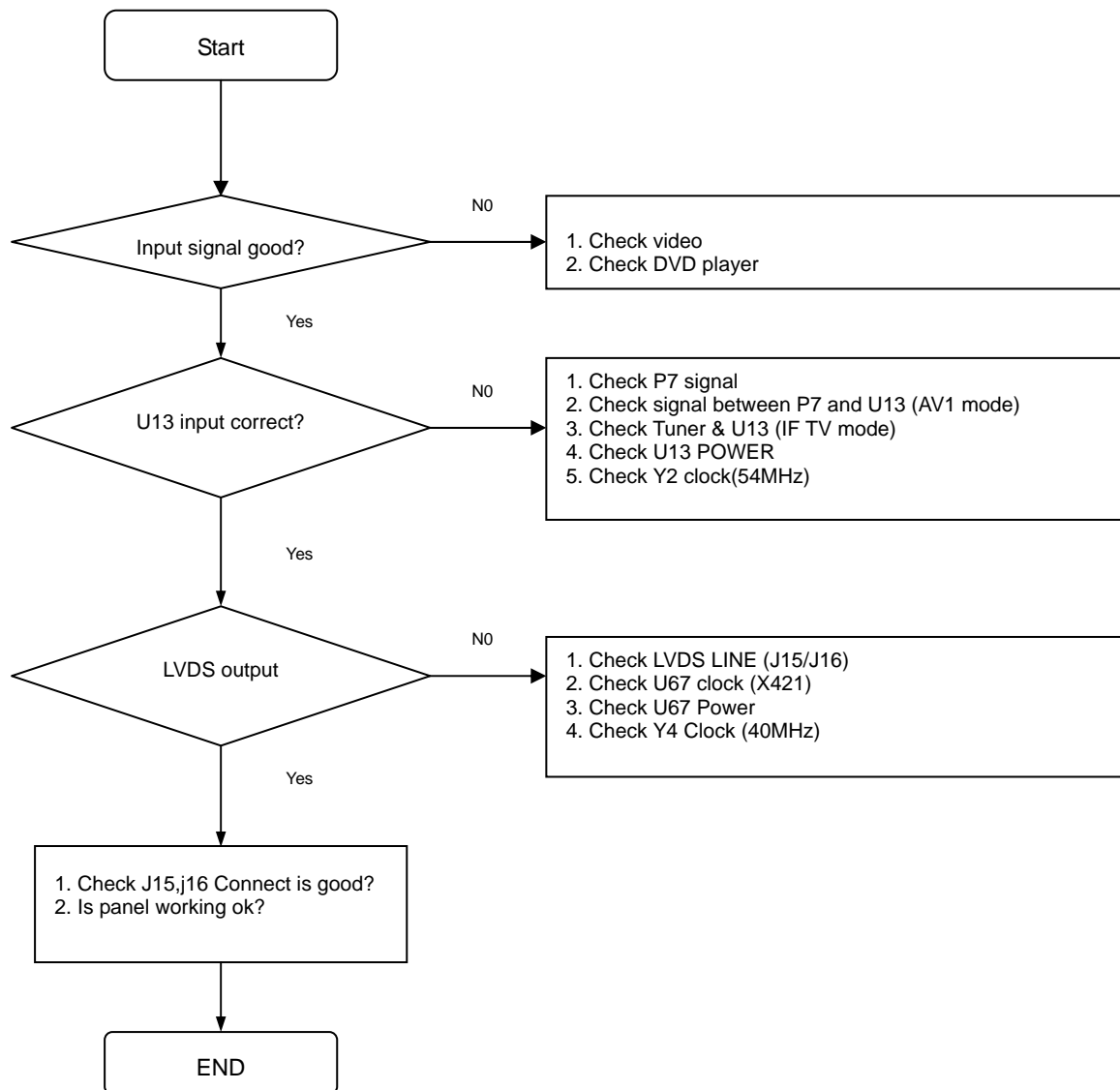
Yahoo Widget	
	Profile News Finance Weather    tbd Gallery     tbd
Widget 3th party	
	Flicker            tbd Amazon Video    tbd FunSpot           tbd NetFlix            tbd Rhapsody          tbd

# Chapter 9    Trouble shooting

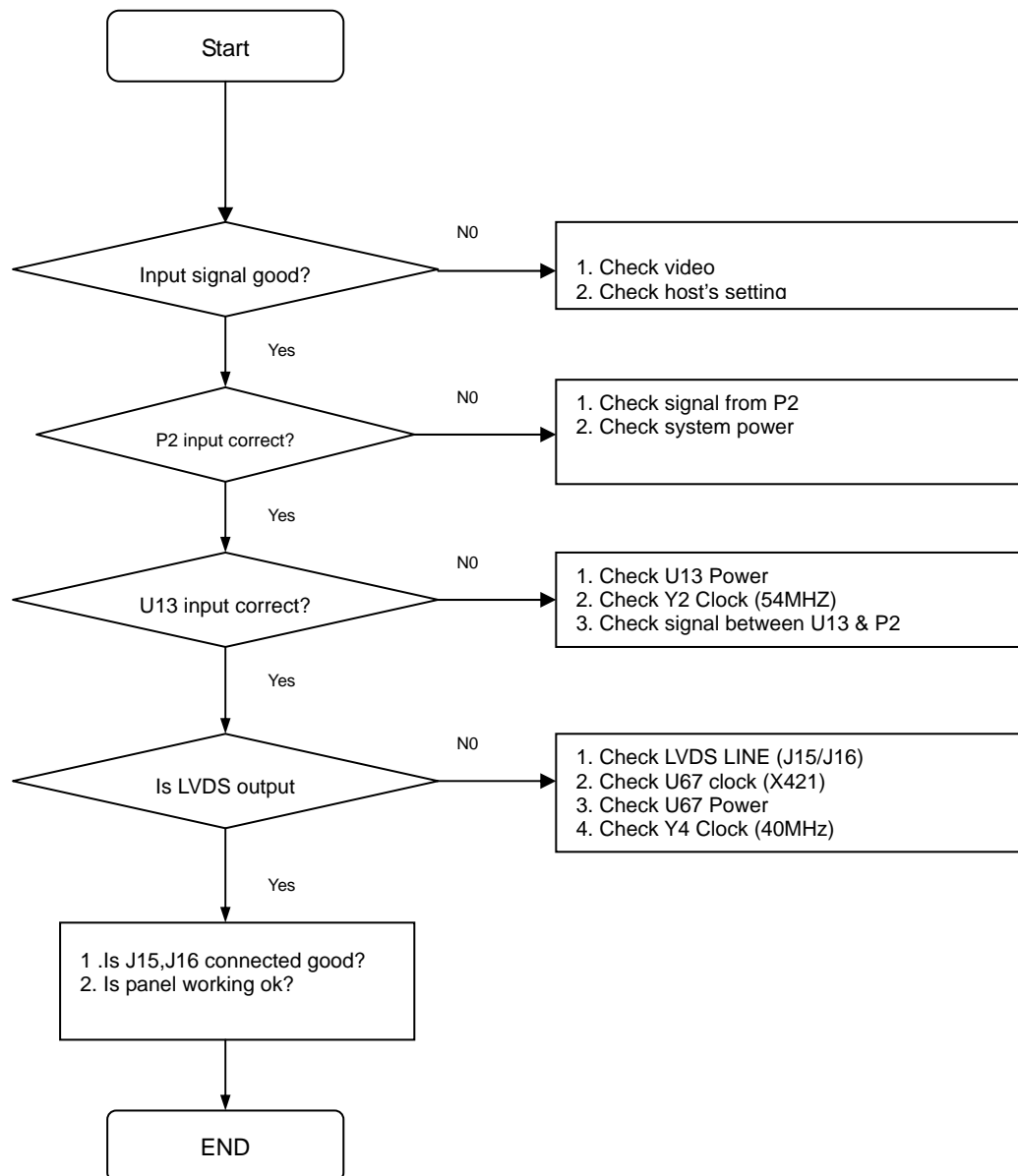
## MONITOR DISPLAY NOTHING (PC MODE)



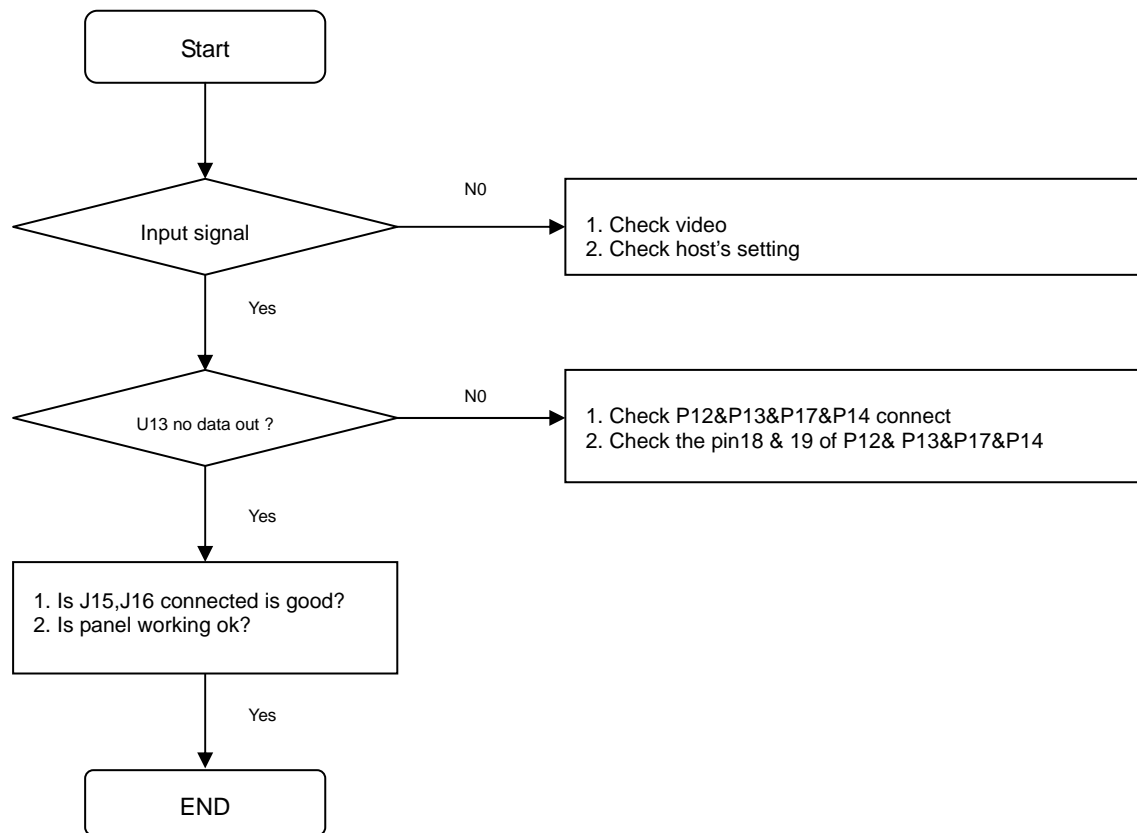
(TV, AV VIDEO1, S-VIDEO) IS NOT DISPLAY CORRECTLY



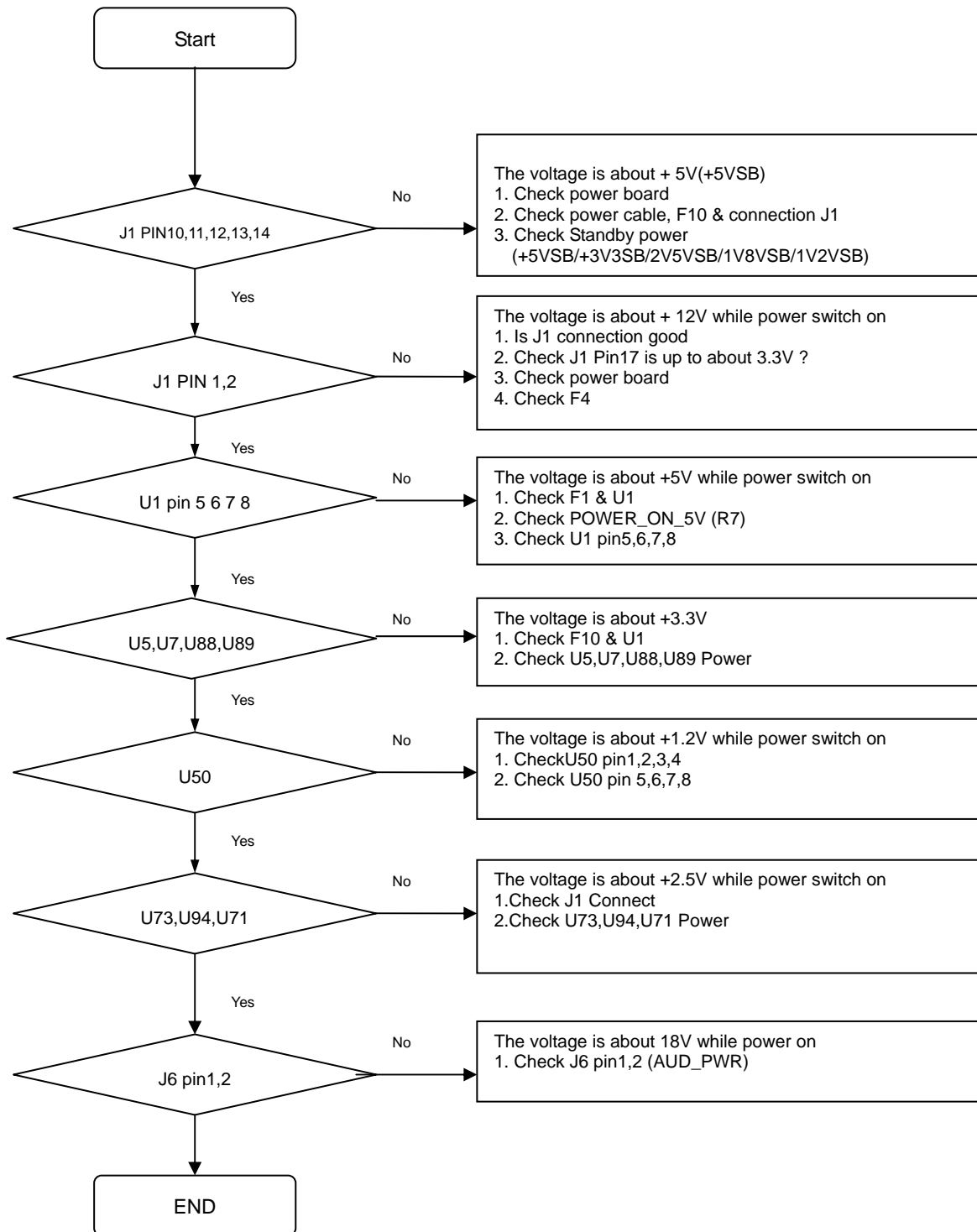
(COMPONENT1) IS NOT DISPLAY CORRECTLY



(SIDE JACK BD COMPONENT2 & VEDIO 2) IS NOT DISPLAY CORRECTLY  
(HDMI1,2,3,side HDMI )IS NOT DISPLAY CORRECTLY

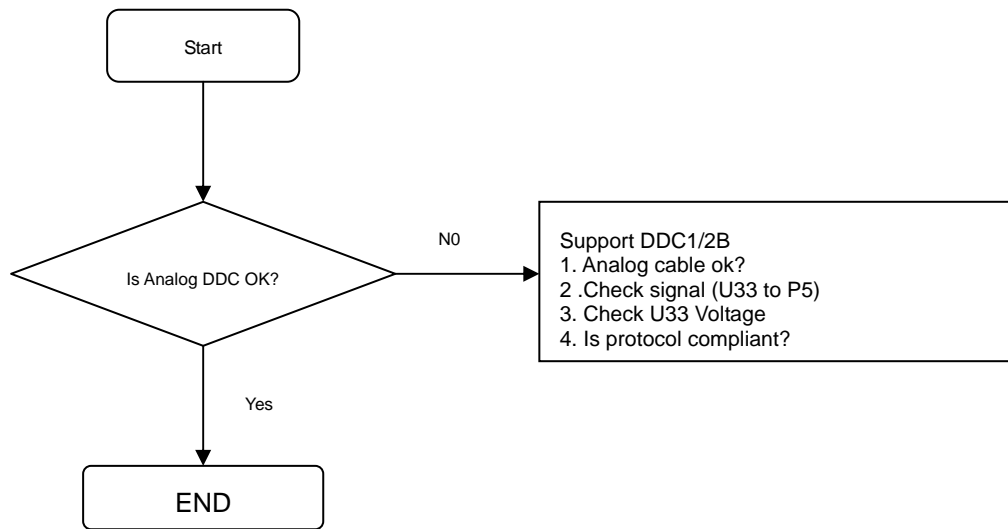


## TROUBLE OF DC-DC CONVERTER

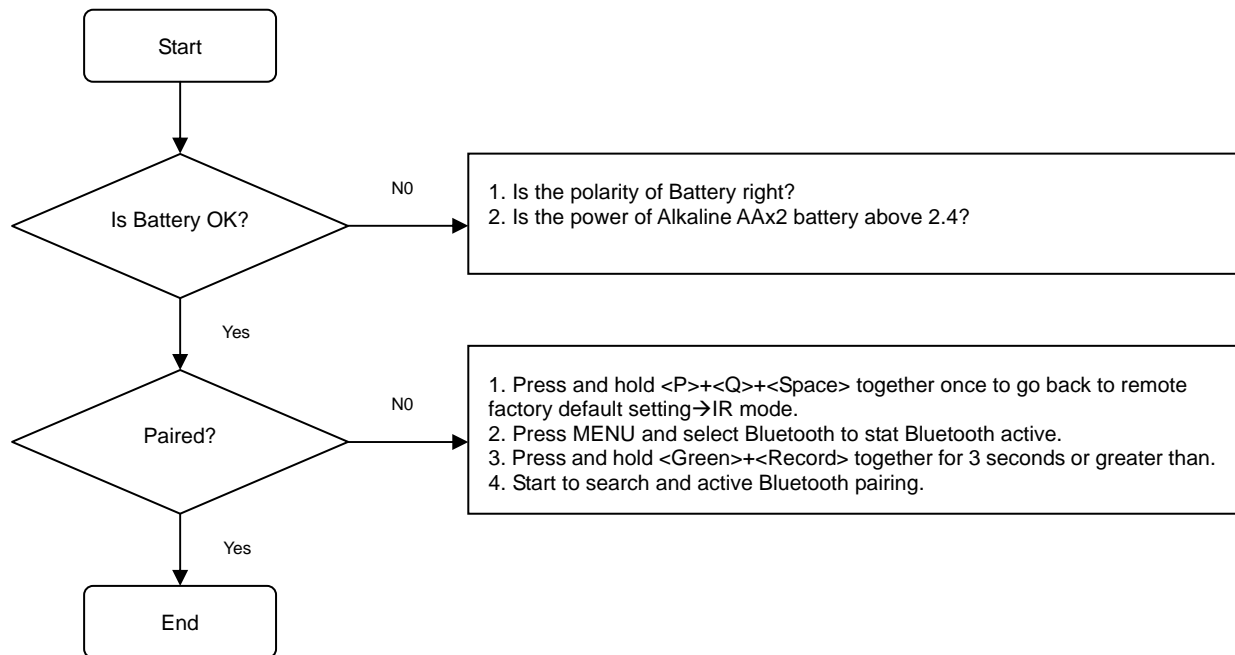


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## TROUBLE OF EDID READING

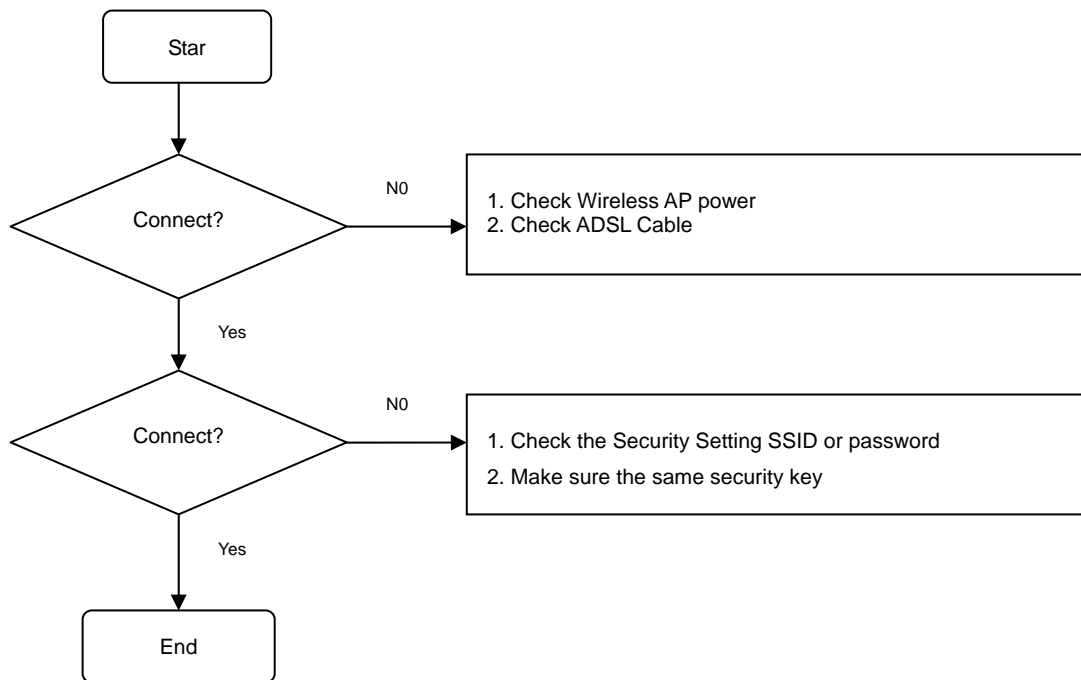


## VUR10 IS NOT ACTIVE : BLUETOOTH MODE



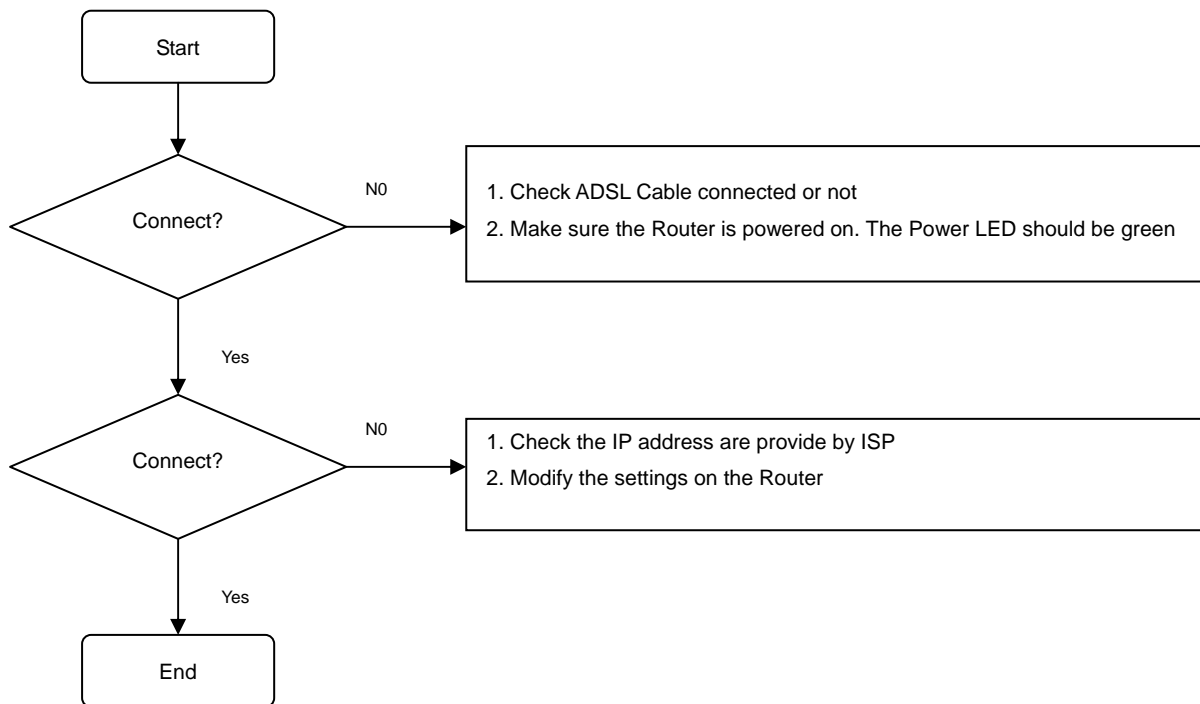
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## WI-FI WIRELESS CAN'T CONNECT TO INTERBET



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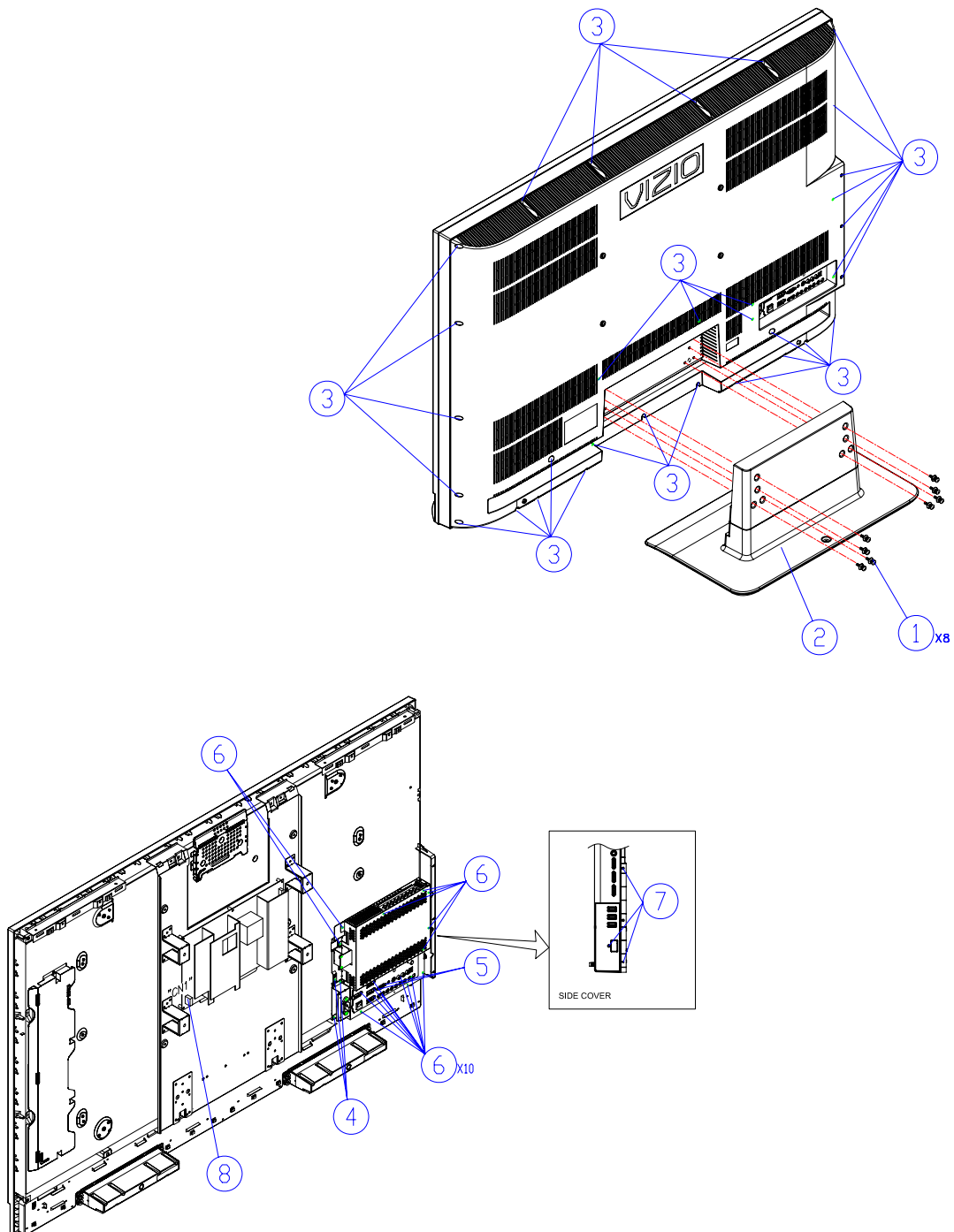
## ETHERNET CAN'T CONNECT TO INTERNET



## 1. REAR COVER ASS'Y REMOVAL

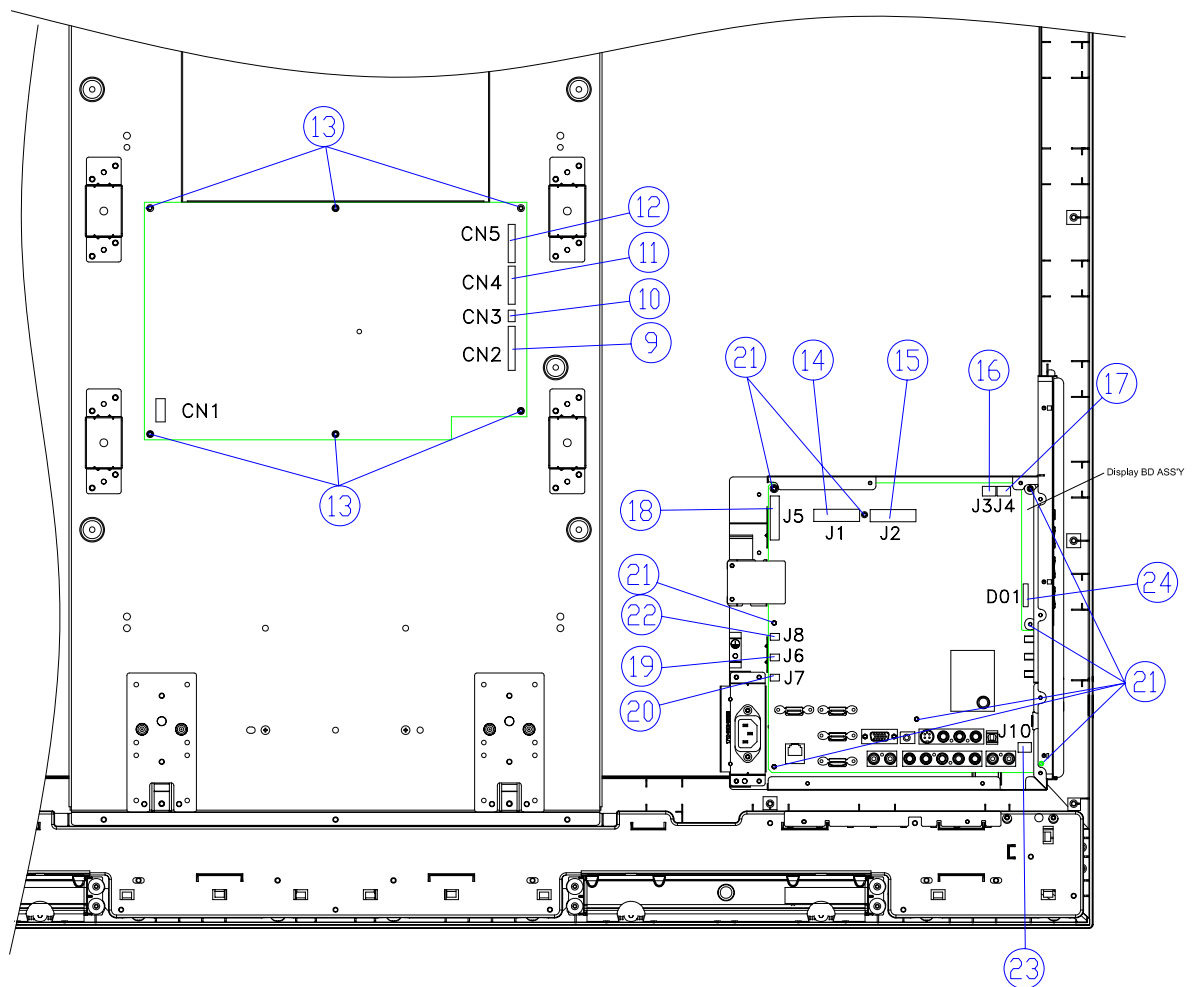
*Note: Spread a mat underneath to avoid damaging the TV surface.*

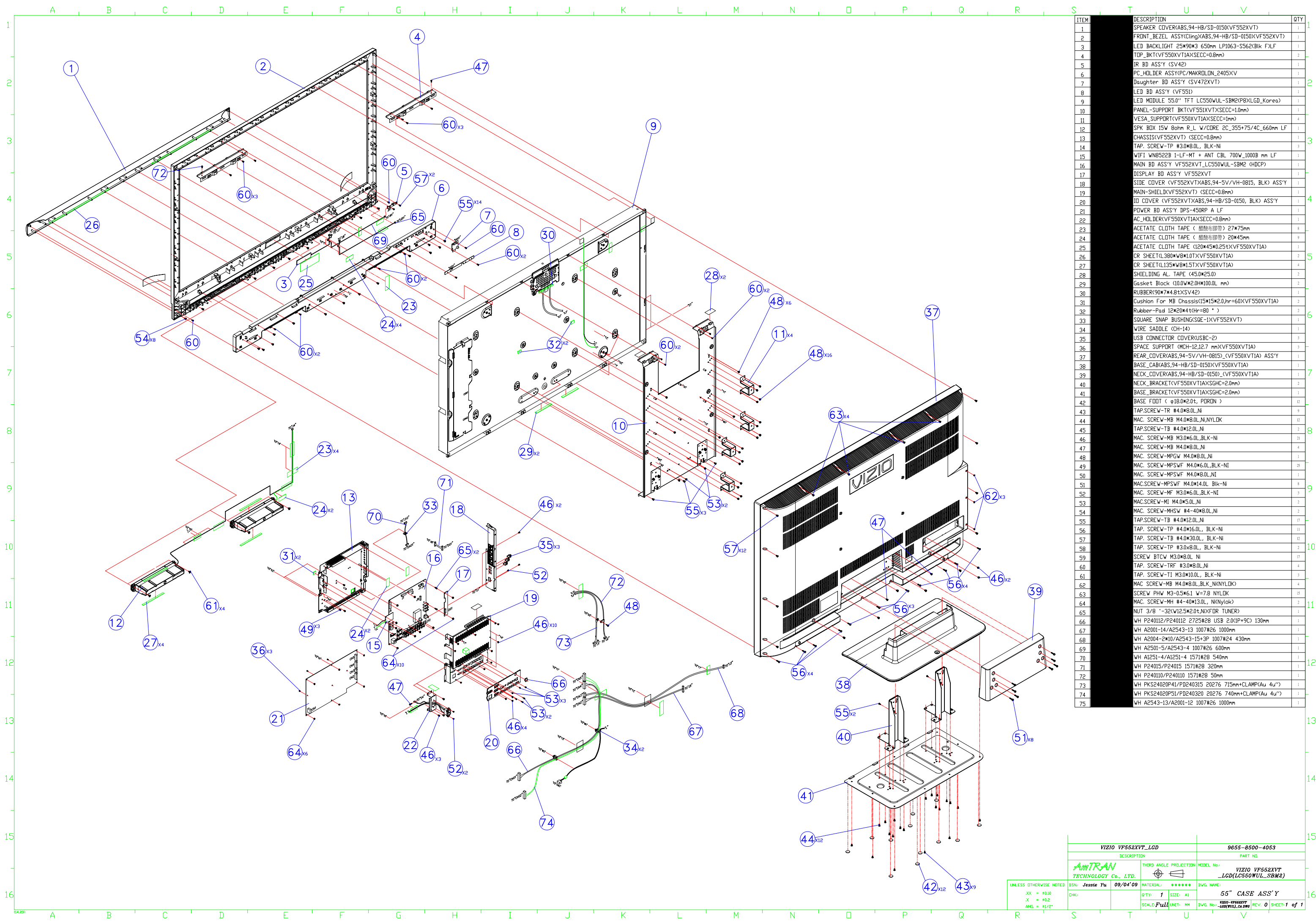
- 1) Remove eight screws ① from Base Ass'y ②.
- 2) Separate the Base Ass'y ②.
- 3) Remove thirty-two screws ③.
- 4) Separate the rear cover.
- 5) Remove three screws ④ from AC Holder.
- 6) Remove the connector ⑧ (CN1) of the AC\_inlet cable.
- 7) Separate the AC\_inlet cable.
- 8) Remove seventeen screw ⑥ and two hexagon screws ⑤.
- 9) Remove three screws ⑦.
- 10) Separate the side cover Ass'y.



## 2. MAIN BD ASS'Y / POWER BD ASS'Y REMOVAL

- 1) Remove the connector ⑨ (CN2) of the Main cable 1.
- 2) Remove the connector ⑩ (CN3) of the Main cable 2.
- 3) Remove the connector ⑪ (CN4) ⑫ (CN5) of the Inverter cable.
- 4) Remove six screws ⑬ from Power BD Ass'y.
- 5) Separate the Power BD Ass'y.
- 6) Remove the connector ⑭ (J1) ⑮ (J2) of the LVDS cable.
- 7) Remove the connector ⑯ (J5) ⑰ (J3) of the Main cable.
- 8) Remove the connector ⑱ (J4) of the Speaker cable.
- 9) Remove the connector ⑲ (J6) of the LED cable.
- 10) Remove the connector ⑳ (J7) of the IR cable.
- 11) Remove the connector ㉒ (J8) of the LED BD cable.
- 12) Remove the connector ㉓ (J10) of the Daughter bd cable.
- 13) Remove the connector ㉔ (D01) of the keypad cable
- 14) Remove nine screws ㉑.
- 15) Separate the Main BD Ass'y.





ITEM	DESCRIPTION	QTY
1	SPEAKER COVER(ABS,94-HB/SD-0150)(VF552XVT)	1
2	FRONT_BEZEL ASSY(Cling)(ABS,94-HB/SD-0150)(VF552XVT)	1
3	LED BACKLIGHT 25*90*3 650nm LP1063-S562(Blk FxLF	1
4	TDP_BKT(VF550XVT1A)(SECC=0.8mm)	2
5	IR BD ASS'Y (SV42)	1
6	PC HOLDER ASSY(PC/MAKROLON_2405)(V	1
7	Daughter BD ASS'Y (SV472XVT)	2
8	LED BD ASS'Y (VF551)	1
9	LED MODULE 55.0" TFT LC550WUL-SBM2(P8)(LGD_Korea)	1
10	PANEL-SUPPORT BKT(VF551XVT)(SECC=1.0mm)	1
11	VESA_SUPPORT(VF550XVT1A)(SECC=1mm)	4
12	SPK BDX 15W 8ohm R_L W/CDRE 2C_355+75/4C_660mm LF	1
13	CHASSIS(VF552XVT) (SECC=0.8mm)	3
14	TAP. SCREW-TP #3.0*8.0L, BLK-NI	3
15	WIFI WN8522B 1-LF-MT + ANT CBL 700W_1000B mm LF	1
16	MAIN BD ASS'Y VF552XVT_LC550WUL-SBM2 (HDCP)	1
17	DISPLAY BD ASS'Y VF552XVT	1
18	SIDE COVER (VF552XVT)(ABS,94-SV/VH-0815, BLK) ASS'Y	1
19	MAIN-SHIELD(VF552XVT) (SECC=0.8mm)	1
20	ID COVER (VF552XVT)(ABS,94-HB/SD-0150, BLK) ASS'Y	4
21	POWER BD ASS'Y DPS-450RP A LF	1
22	AC HOLDER(VF550XVT1A)(SECC=0.8mm)	1
23	ACETATE CLOTH TAPE ( 醋酸布膠帶) 27*75mm	8
24	ACETATE CLOTH TAPE ( 醋酸布膠帶) 20*45mm	9
25	ACETATE CLOTH TAPE (120*45*0.25)(VF550XVT1A)	1
26	CR SHEET(L380*W81.0T)(VF550XVT1A)	5
27	CR SHEET(L135*W81.5T)(VF550XVT1A)	4
28	SHIELDING AL. TAPE (45.0*25.0)	2
29	Gasket Block (10.0W*2.0H*100.0L mm)	2
30	RUBBER(90*7*4.8t)(SV42)	1
31	Cushion For MB Chassis(15*15*2.0,hr=60)(VF550XVT1A)	2
32	Rubber-Pad 12*20*4t(Hr=80 )	2
33	SQUARE SNAP BUSHING(SOE-1)(VF552XVT)	6
34	WIRE SADDLE (CH-14)	1
35	USB CONNECTOR COVER(USBC-2)	3
36	SPACE SUPPORT (MCH-12,12.7 mm)(VF550XVT1A)	3
37	REAR_COVER(ABS,94-SV/VH-0815)(VF550XVT1A) ASS'Y	1
38	BASE_CAB(ABS,94-HB/SD-0150)(VF550XVT1A)	7
39	NECK_COVER(ABS,94-HB/SD-0150)(VF550XVT1A)	7
40	NECK_BRACKET(VF550XVT1A)(SGHC=2.0mm)	2
41	BASE_BRACKET(VF550XVT1A)(SGHC=2.0mm)	1
42	BASE FOOT ( φ18.0*2.0t, PORDN )	12
43	TAP.SCREW-TR #4.0*8.0L,NI	9
44	MAC. SCREW-MB M4.0*8.0L,NI,NYLOK	12
45	TAP.SCREW-TB #4.0*12.0L,NI	21
46	MAC. SCREW-MB M3.0*6.0L,BLK-NI	2
47	MAC. SCREW-MB M4.0*8.0L,NI	4
48	MAC. SCREW-MPGW M4.0*8.0L,NI	1
49	MAC. SCREW-MPSWF M4.0*6.0L,BLK-NI	25
50	MAC. SCREW-MPSWF M4.0*8.0L,NI	1
51	MAC. SCREW-MPSWF M4.0*14.0L, BLK-NI	8
52	MAC. SCREW-MF M3.0*6.0L,BLK-NI	3
53	MAC.SCREW-MI M4.0*5.0L,NI	2
54	MAC. SCREW-MHSW #4-40*8.0L,NI	2
55	TAP.SCREW-TB #4.0*12.0L,NI	17
56	TAP. SCREW-TP #4.0*16.0L, BLK-NI	11
57	TAP. SCREW-TB #4.0*30.0L, BLK-NI	12
58	TAP. SCREW-TP #3.0*8.0L, BLK-NI	2
59	SCREW BTCW M3.0*8.0L, NI	17
60	TAP. SCREW-TRF #3.0*8.0L,NI	4
61	TAP. SCREW-TI M3.0*10.0L, BLK-NI	3
62	MAC. SCREW-MB M4.0*8.0L,BLK,NIKNYLOK)	4
63	SCREW PHW M3-0.5*6.1 W=7.8 NYLOK	15
64	MAC. SCREW-MH #4-40*13.0L, NIKNYlok)	2
65	NUT 3/8 " -32(W12.5*2.0t,N)(FDR TUNER)	1
66	WH P24012/P24012 2725#28 USB 2.0(IP+9C) 130mm	1
67	WH A2001-14/A2543-13 1007#26 1000mm	1
68	WH A2004-2#10/A2543-15+3P 1007#24 430mm	1
69	WH A2501-5/A2543-4 1007#26 600mm	1
70	WH A1251-4/A1251-4 1571#28 540mm	1
71	WH P24015/P24015 1571#28 320mm	1
72	WH P24010/P24010 1571#28 50mm	1
73	WH PKS24020P41/PD240315 20276 715mm+CLAMP(Au 4u")	1
74	WH PKS24020P51/PD240320 20276 740mm+CLAMP(Au 4u")	1
75	WH A2543-13/A2001-12 1007#26 1000mm	1

UNLESS OTHERWISE NOTED  
XX = ±0.10  
X = ±0.2  
ANG. = ±1/2°

VIZIO VP552XVT_LCD		9655-8500-4053	
DESCRIPTION		PART NO.	
<b>AMTRON</b> TECHNOLOGY Co., LTD.	THIRD ANGLE PROJECTION	MODEL No.	VIZIO VP552XVT
		DWG. NAME	55" CASE ASS'Y
DSN: Jessie Yu 09/04/09	MATERIAL: *****	DWG. No.	VIZIO-VP552XVT
CHK:	QTY: 1 SIZE: A1	SCALE: Pull UNIT: MM	REV. 0 SHEET: 1 of 1